雲南植物拾零，一.

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MISCELLANEA YUNNANENSIA I

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Camellia acutisepala Tsai et Feng. sp. nov., a *C. Liuii* Tsai et Feng persimilis, sed foliis elliptico-lanceolatis nervis subconspicuis, bracteis ut sepalisque lanceolatis apice acutis differt.

Frutex 2.5-4 metralis, ramosus; ramuli primo fusco-pubescentes, mox glabri, cinereo-corticati, exfoliati. Folia rigida chartacea, elliptico-lanceolata, apice acuta vel breviter acuminata, basi attenuata, 3-4.5 cm. longa et 1.2-1.6 cm. lata, supra viridia, nitidia, subtus plus minusve flavescentia, costa supra elevata, utraque glaberrima, nervis lateralibus utrinque 10-14, inconspicuis, sed densis, margine omnino acute serrulata; petioli 3-4 mm. longi, canaliculati, pubescentes. Flores albi, solitarii, axillares, nutantes; pedicelli 2-4 mm. longi, glabrescentes; bracteae ovatae, superiores ad 3 mm. longae, apice villosae longiuscule acutae; sepala triangulari-ovata vel-lanceolata, 6-7 mm. longa, glabrescentia, tantam margine ciliolata; petala spathulato-obovata, ad 1.5 cm. longa et .9 cm. lata, glabra; filamenta petalis aequilonga, glabra, breviter connata; ovarium glabrum; stylus glaber, apice 3-lobatus. Fructus ignotus (Pl. X).

尖萼山茶　係新種，極似"劉幼堂山茶"，惟葉片極長，側脈稍明顯，又萼片苞片皆長而尖，故異。　產雲南景東縣之黃草嶺，海拔高一千九百公尺，係李鳴岡氏一九四〇年三月所採，號碼為 *1951* 號(模式)。　圖版十。

Camellia Liuii Tsai et Feng, sp. nov., a *C yunnanensi* Coh. Staurt, foliis minoribus subtus nervis lateralibus obscuris, floribus minoribus stylo supra medium connato recedit.

Frutex ad 2-metralis, ramosus; ramuli primo densius patenter pubescentes, mox glabrescentes, cinereo-corticati, exfoliati, vetustiores ochraceo-corticati. Folia chartacea, serrulata, plerumque ovata, vel oblongo-ovata, apice acuta vel breviter acuminata, interdum

obtusa, basi cuneato-rotundata vel rotundata, 2-4-(5) cm. longa, 1.2-2.2 cm. lata, supra costa breviter fusco-pubescente excepta glabra, nervis vix conspicuis, subnitida, subtus glaberrima, papillosa, nervis valde obsolatis, pagina utraque viridia sed subtus pallescentia; petioli 1-2 mm. longi, pubescentes. Flores solitarii, axillares, albi, pedicelli curvati, haud 2 mm. longi, bracteis ovatis ciliolatis instructi; sepala 5, late ovata vel subrotundata, 3 mm. longa, margine ciliolata; petala 5, rotundo-obovata, 1.2-1.5 cm. longa, .9-1.2 cm. lata; stamina petalis breviora; filamenta glabra, breviter connata; pistillum glabrum, stylo fere ad apicem connato. Fructus immaturus subglobosus, circiter 1 cm. diametro (Pl. XI).

劉幼堂山茶 本新種之命名係紀念劉幼堂先生者，劉先生酷嗜園藝，對於茶花又多收藏，本新種雖向未被植物學者發現，而劉先生已蒔之於園中久矣！ 本種與"雲南山茶"之分別，首在葉形較小而側脈不明顯。 又其花亦較小，花柱結合甚高，故易為別。 產雲南之溫暖山地，採得之標本計有景東縣之香羅山，李鳴岡氏 *1163* 號 (模式)；同縣之落水洞，李鳴岡氏 *2240* 號；同縣之滴水坑，李鳴岡氏 *2759* 號；同縣之黃草林，李鳴岡氏 *1972* 號；硯山縣水塘子，王啓无氏 *84356* 號；文山縣老君山，馮國楣氏 *11208* 號。 圖版十一。

Camellia obscurinervis Tsai et Feng. sp. nov., ab *C. elongata* (Rehd. et Wils.), foliis floribusque minoribus, pedicellis vix distinctis, ovario pubescenti facile differt.

Rami juniores pubescentes, teretes, vetustiores glabri rubro-brunnei, exfoliati; gemmae ovatae, sericeae. Folia chartacea, elliptico-lanceolata vel elliptico-obovata, apice subito breviter caudato-acuminata vel obtuso-acuta, basi attenuata, minute serrulata, 1.5-2.5 cm. longa, .9-1.2 cm. lata, supra olivascentia, subtus leviter pallidiora papillosa, facie utrinque glaberrima, costa subtus prominenti, nervis venulisque obscuris; petioli 1 mm. longi, pubescentes. Flores solitarii, axillares, albi, subsessiles, nutantes; bracteae 4.5 ovatae, sericeae; sepala 5, rotundato-obovata, 2 mm. longa, puberula, margine scariosa; petala 5, subrotundata, 7 mm. longa et 6 mm. lata, glabra; stamina numerosa, petalis vix longiora; filamenta exteriora in tubum brevem connata, glabrescentia, ovarium pilosum, stylo filiformi glabro fere ad apicem connato. Fructus desideratur (Pl. XII).

無脈山茶 此新種為西南所見之山茶中之最小者，產四川峨眉山，賀文榕氏 *839* 號 (模式)。 圖版十二。

Berchemia hirtella Tsai et Feng. sp. nov., ab *B. Giraldiana,* Schneider, foliis subtus breviter sed dense hirtellis et drupis ellipticis differt.

Frutex scandens; ramuli teretes, glabri, hornotini flavescentes, annotini fuscescentes. Folia payracea, ovato-elliptica, basi rotundata vel subcordata, apice acuta vel interdum breviter acuminata, 7-9 cm. longa et 4-4.5 cm. lata, nervis utrinque 12-13, prominentibus, supra in sicco brunneo-nigrescentia, glabra, pruinosa, subtus flavo-griseola, nervis elevatis distincte anastomasantibus, sub lente nigro-punctata, dense hirtella; petioli pubescentes, deinde glabri, ad 2 cm. longi, supra sulcati; stipulae ovatae, ciliatae deciduae. Inflorescentia late paniculata, in apicem ramulorum lateralium suffulta, hirtella, circiter 17 cm. longa et 7 cm. lata; flores ignoti. Fructus cylindrico-ellipticus, 1.1 cm. longus et ad medium .5 cm. latus, pedicello 1.2-2 mm. longo (Pl. XIII).

景東蛇藤 本新種之葉反面被密而短之細毛，核果長橢圓形，與吉氏蛇藤迥異。產雲南景東縣之卡里，海拔高度一千四百公尺，一九四〇年四月李鳴岡採得，號碼 *3301* 號(模式)。圖版十三。

Berchemia hypochrysa Schneider var. **hispida** Tsai et Feng, var. nov., a typo recedit rhachibus inflorescentiae et foliis subtus breviter dense hispidis et foliis nervis lateralibus utrinque 11-18 (Pl. XIV).

黃葉蛇藤之有毛變種 黃葉蛇藤原產四川峨眉山，作者曾檢定大量之標本，皆與史耐德氏發表原文相符。惟葉之反面，從未見史氏所謂之乳頭狀突起，不知究係史氏當時觀察有誤？抑係此性格常變？本新變種亦無乳難狀突起，惟花序及葉之反面密被短毛，側脈有十一至十八對，故不能併入原種。產四川及雲南。孫祥麟氏採於峨眉山，*645* 號（模式）。其後馮國楣復採得於滇南之麻栗坡，*13143* 號，及西疇縣 *12082* 號。圖版十四。

Rhamnella longifolia Tsai et Feng, sp. nov., a *Rh. Martinii* Schneider, ramulis hornotinis inflorescentiaeque puberulis, foliis magnis paucinervibus differt.

Frutex 1.5-2 m. alta; ramuli tenues, hornotini olivacei (in sicco nigrescentes) sub lente pilis brevissimis visi, vetustiores brunnescentes, lenticellis minutis dense obtecti; stipulae persistentes, crassiusculae, colore ramulorum, subulatae. Folia chartaceo-coriacea, persistentia?, oblongo-lanceolata, basi rotundata vel cuneato-rotundata, apice acuminata vel longe acuminata, margine involuta, obscure crenato-serrulata, dentibus satis distantibus, 10-12 cm. longa et 3.7-4.2 cm. lata, sed ea ramulorum fructiferum minora, supra nitida, glabra, subtus pallidiora, glabrescentia, nervis elevatis, strinque 5-7, arcuatis, anastomasantibus; petioli breves, glabri, 5-7 mm. longi, supra vix sulcati. Inflorescentia axillaris minute puberula, 3-5-flora, breviter pedunculata, fasciculato-cymosa; flores virides. Fructus oblongus, plerumque ad basim inaequilateralis, 8 mm. longus et 5 mm. diam., aurantiacus, 2-locularis, pedicellis 4-7 mm. longis (Pl. XV).

長葉擬鼠李 擬鼠李屬植物，自德人史耐德氏增加數新種後，今復有本種之發現，誠屬可喜。本種之葉片特長而側脈數少，極易與他種分別。產雲南西疇縣之法斗，馮國楣 *11638* 號(模式)；麻栗坡之八布，馮國楣 *13330* 號；又見於硯山縣之龍街，係王啓无所採得，號碼 84943 號。圖版十五。

圖版說明

圖版十. 尖萼山茶 Camellia acutisepala Tsai & Feng: 1, 着花之枝； 2, 萼片； 3, 小蕊； 4, 子房和花柱。2 至 4放大。

圖版十一. 劉幼堂山茶 Camellia Liuii Tsai & Feng: 1, 着花之枝； 2, 着果之枝； 3, 萼片； 4, 子房和花柱； 5, 小蕊。3 至 5 放大。

圖版十二. 無脈山茶 Camellia obscurinervis Tsai & Feng: 1, 着花之枝； 2, 萼片； 3, 小蕊； 4, 子房和花柱。2 至 4 放大。

圖版十三. 景東蛇藤 Berchemia hirtella Tsai & Feng.

圖版十四. 黃葉蛇藤之有毛變種 Berchemia hypochrysa Schneid, var. hispida Tsai & Feng: 1, 花枝； 2, 葉反面之毛； 3, 花序之毛； 4, 花。2 至 4 放大。

圖版十五. 長葉擬鼠李 Rhamnella longifolia Tsai & Feng.



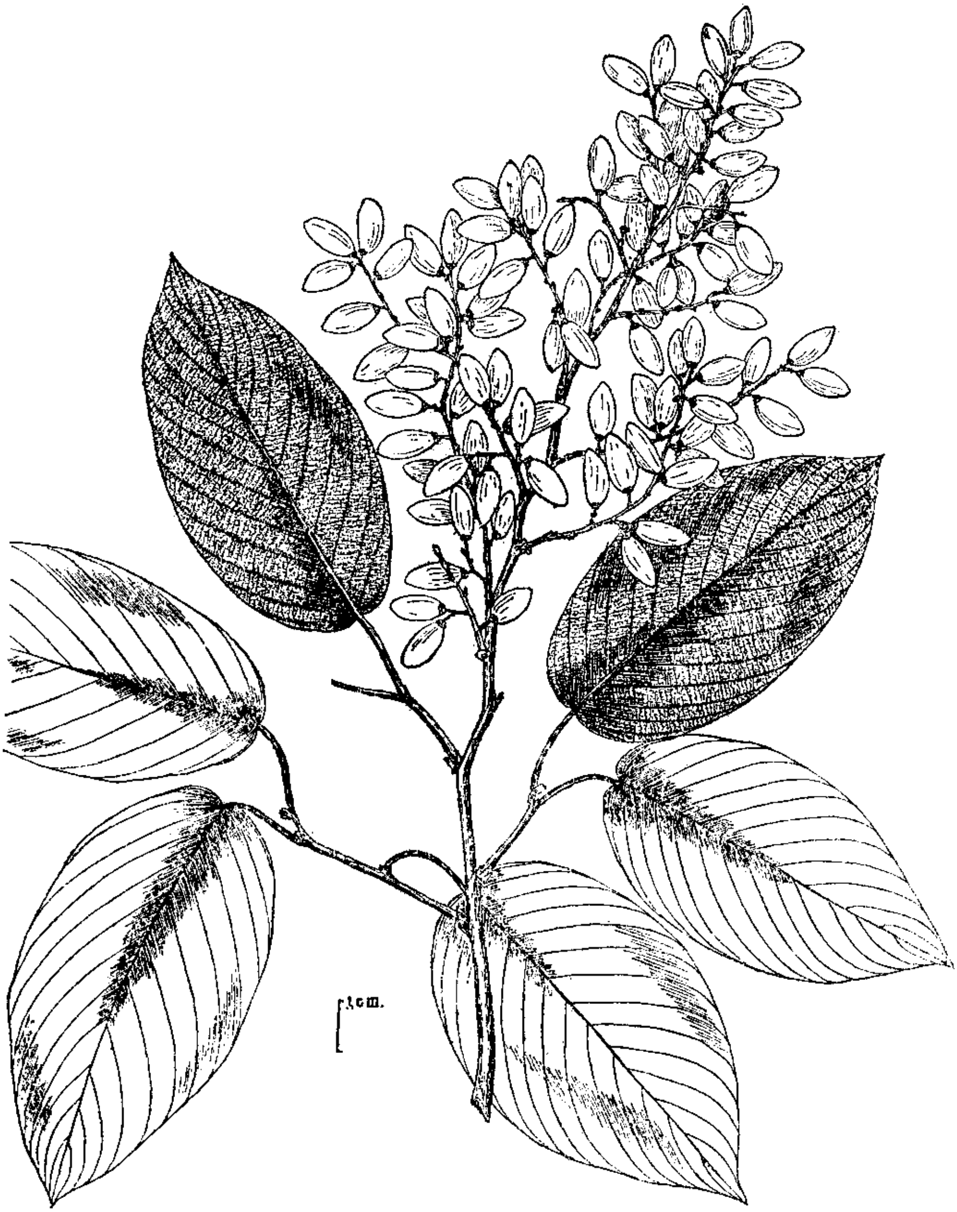
尖萼山茶 *Camellia acutisepala* Tsai & Feng



劉幼堂山茶 *Camellia Liuii* Tsai & Feng



無脈山茶 *Camellia obscurinervis* Tsai & Feng



景東蛋藤 *Berchemia hirtella* Tsai & Feng



黃葉蛇藤之有毛變種 *Berchemia hypochrysa* Schneider var. *hispida* Tsai & Feng



長葉擬鼠李 *Rhamnella longifolia* Tsai & Feng